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SPACE MANAGEMENT OF AN IMS DATABASE

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CROSS REFERENCE TO RELATED APPLICATIONS

- 10037933-101901
- 5 The present application is related to the following applications filed on the same date herewith, all of which are assigned to same assignee as the present invention, and all of which are hereby incorporated by reference and made a part

hereof as if fully set forth herein: U.S. Patent Application Serial No.

10/037,933, ^{Present Application} Space Management Of An IMS Database; U.S. Patent Application Serial No. 09/991,304, ^{new-final mailed 6/17/04} Facilitating Maintenance Of Indexes

- 10 During A Reorganization Of Data In A Database; U.S. Patent Serial No.

10/036,786, ^{Abandoned 9/20/04} Employing A Unit Of Work Methodology To Facilitate

Reorganization And User Controlled Placement Of Data In Databases; and U.S.

Patent Application Serial No. 10/036,815, ^{new-final mailed 4/21/04} Ensuring That A Database And

Its Description Are Synchronized.

15 BACKGROUND OF THE INVENTION

Field of the Invention

The invention relates to managing space within an IMS database. The invention also relates to a method of managing space within an IMS database that supplements that portion of the IMS program which manages space.

20 Description of the Related Art

IBM's Information Management System (IMS) is a widely used database management system. IMS "implemented the hierarchical model tree structure to organize the collection of records in a one-to-many entity-relationship data model."

K.R. Blackman, *IMS Celebrates Thirty Years as an IBM Product*, IBM Systems

- 25 Journal, Vol. 37, No. 4, 596 (1998). Today, a large percentage of the top worldwide